

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/050024

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/28 H04L12/24 H04L29/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 466 549 B1 (HATTIG MYRON P) 15 October 2002 (2002-10-15) column 2, lines 47-60	1,6,8,12
Y	column 4, line 32 - column 5, line 28	3-5,7, 9-11,13
A	US 2002/120672 A1 (WINTERTON RICHARD R ET AL) 29 August 2002 (2002-08-29)	1,8
Y	paragraphs '0012!', '0016!', '0037!', '0041!	3-5,9-11
A	WO 00/77618 A (SUN MICROSYSTEMS INC) 21 December 2000 (2000-12-21)	1,8
Y	page 2, line 3 page 3, line 16 page 4, line 20 - page 4, line 22 page 9, lines 26-30	7,13
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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Date of the actual completion of the international search

30 May 2005

Date of mailing of the international search report

06/06/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/062366 A1 (ROY JOYDEEP ET AL) 23 May 2002 (2002-05-23) paragraphs '0010!, '0043! -----	1, 3, 4, 8, 9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/050024

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6466549	B1	15-10-2002	AU 3908000 A	14-11-2000
			EP 1169812 A1	09-01-2002
			JP 2002542665 T	10-12-2002
			WO 0062482 A1	19-10-2000
US 2002120672	A1	29-08-2002	NONE	
WO 0077618	A	21-12-2000	US 6845393 B1	18-01-2005
			AU 5606700 A	02-01-2001
			AU 5606900 A	02-01-2001
			EP 1194836 A2	10-04-2002
			EP 1194837 A2	10-04-2002
			WO 0077618 A2	21-12-2000
			WO 0077619 A2	21-12-2000
			US 2002002614 A1	03-01-2002
US 2002062366	A1	23-05-2002	US 2002188759 A1	12-12-2002